

Wright City R-II School District
District Technology Plan
2009-2012

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Introduction

Introduction

The Wright City R-2 School District is committed to providing a technology rich educational environment that will provide students with a well-rounded education enabling them to be productive members of society. The district provides technology for enhancing delivery of curriculum while providing the students with the education to be able to use technology in their business and personal lives.

Over the past 3 years the district has taken significant steps to prepare our students for the 21st century. Not only have we acquired a great deal of new technology equipment, but we have provided the professional development needed to fully utilize the new technologies.

The 2009-2012 Technology Plan is tightly integrated with the district's CSIP plan and will build on the accomplishments made from the previous year's plan. The 2009 plan continues to focus on the five technology focus areas, that when addressed will help prepare our students to thrive in the 21st century. The five technology focus areas (TFA) are:

S - Student Learning

T - Teacher Preparation

A - Administration, Data Management, Communications

R - Resource Distribution

T - Technical Support

While developing our plan our committee identified and included information from existing programs that are essential to our students' success in the 21st century. These programs are:

- eMINTS
- The Missouri METS (math, engineering, technology, and science) Initiative
- Partnership for 21st Century Schools (P21) Framework
- National Educational Technology Standards (NETS)
- Missouri Education Technology Strategic Plan (METSP)
- No Child Left Behind (NCLB)

Technology Planning Committee

Introduction to the Committee

The Technology Committee is comprised of students, teachers, librarians, administrators, technical support staff, parents/ community members. Representation of the committee covers the five technology focus areas (TFA). The committee's goal is to provide for continuous implementation of technology to ensure continued student learning and success.

Technology Planning

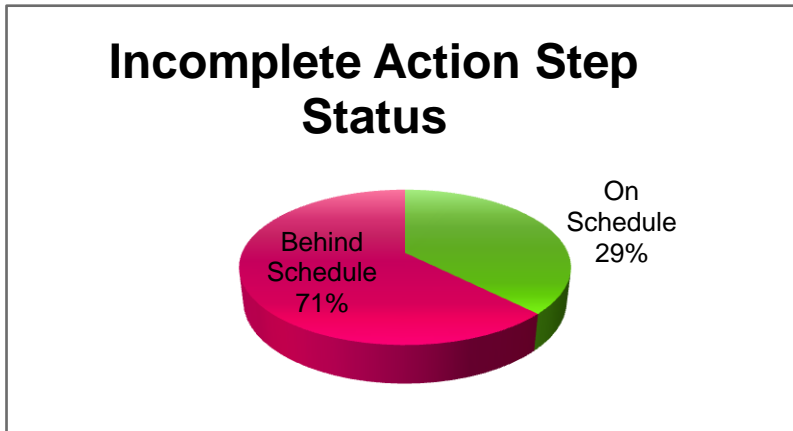
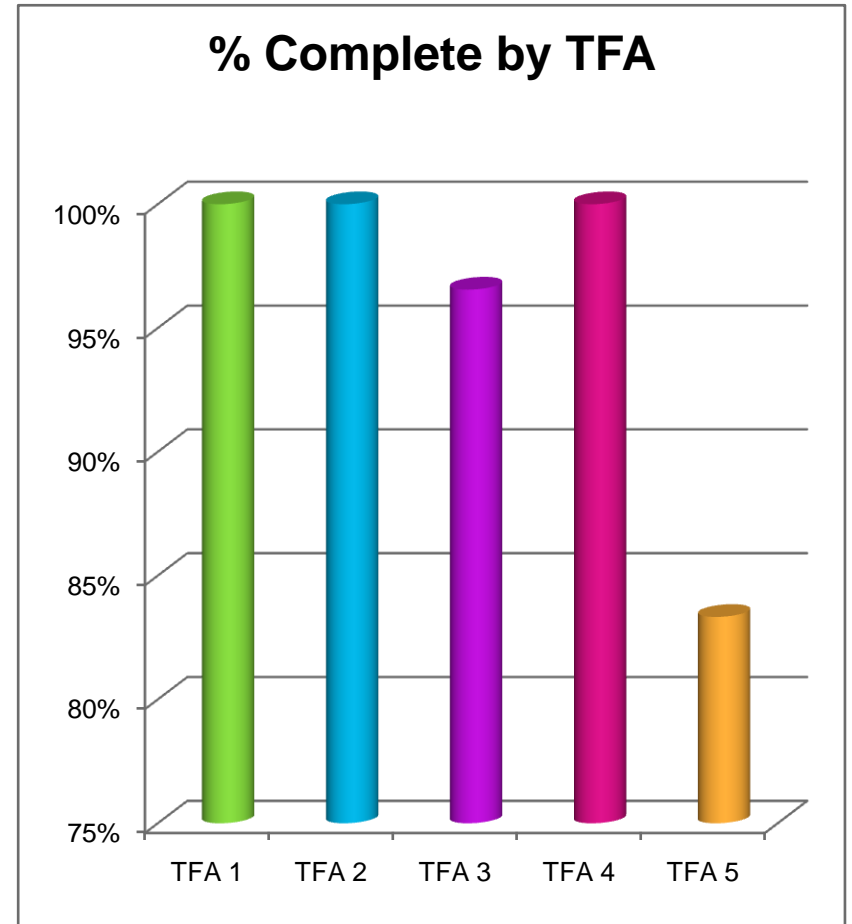
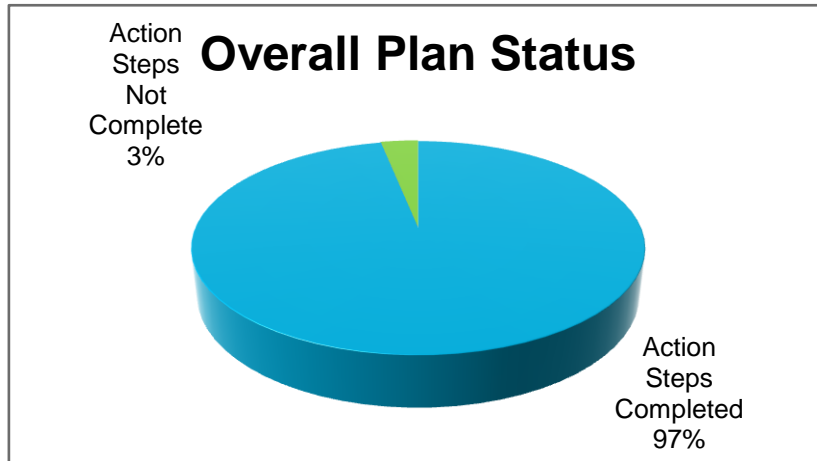
The Technology Committee meets regularly to review the accomplishments and needs regarding technology throughout the district. The district's CSIP document, MSIP standards and district mission and goals are tools that provide guidance as technology plans are created, reviewed, implemented, and evaluated. The Technology Committee as a whole conducted a detailed and comprehensive review of 2006-2009 technology plan's activities, outcomes, and overall progress.

Table 1: Technology Planning Committee Members

Name	Affiliation	Position	TFA
Andrea Schremp	central office	Technology Director/Parent	1,2,3,4,5
Jill Meadows	central office	Instructional Technology/Parent	1,2,3,4,5
Jake Andrews	central office	IT Specialist	1,2,3,4,5
Becky Brinkmeyer	high school	Library/media specialist	1,2,3,4,5
John Clark	high school	Counselor	1,2,3,4,5
Ian Kester	middle school	Assistant Principal	1,2,3,4,5
Debbie Gaines	middle school	Computer Lab Teacher	1,2,3,4,5
Stacey Braendle	middle school	eMINTS Teacher	1,2,3,4,5
Kara Gray	Elementary School	Teacher	1,2,3,4,5
Kathy Lewis	high school	Secretary/Registrar/Parent	1,2,3,4,5
Luanne Andrews	Elementary/ middle school	Gifted Education	1,2,3,4,5
Patty Godier	Academy	Teacher	1,2,3,4,5
Sharon Schlup	Elementary School	Computer Lab Teacher	1,2,3,4,5
Suzanne Gaskill	Elementary School	Teacher	1,2,3,4,5
Cori Luigs	Elementary School	Teacher	1,2,3,4,5

**Review of the
2006 -2009
Technology Plan Goals**

Review of 2006-2009 Technology Plan



Overall Status	Action Steps Completed	Action Steps Not Complete	Action Steps Overdue	% Complete
	61	2	5	97%

Status by TFA	Action Steps Completed	Action Steps Not Complete	% Complete
TFA 1	12	0	100%
TFA 2	10	0	100%
TFA 3	28	1	97%
TFA 4	6	0	100%
TFA 5	5	1	83%

Action Plans and Implementation – TFA 1 – Student Learning

Goal 1: Student achievement will be enhanced by providing learning environments that build and encourage technological skills.

Objective 1: Fully integrate NETS for students and the No Child Left Behind Act into the curriculum.

MSIP	CSIP	Action Steps/ <i>Progress Measurement</i>	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.43 6.1 6.3	1.B.1.7	Make e-learning options available to all students. <i>Progress Measurement:</i> surveys	Technology Dept/Curriculum Director	Aug-07	100%	A+ alternative program, State e=learning
6.43 6.1 6.3	1.B.1.7	Ensure that every student is technology literate by the time he or she finishes the 8th grade. <i>Progress Measurement:</i> Checklists and report cards	Curriculum Director/Teachers	Aug-07	100%	Implemented 8th grade literacy class.
6.43 6.3	1.B.1.7	Students will be assigned an email address to collaborate and communicate with others for educational purposes. <i>Progress Measurement:</i> Baseline data reports	Technology Department	Aug-06	100%	5-12 now have email access
6.43 6.7 6.3	1.C.2.1	Provide professional development to train teachers on the NETS for Students standards. <i>Progress Measurement:</i> Checklists and PDC reports	Technology Department/Teachers/PDC	Dec-06	100%	
6.43 6.7 6.3	1.C.2.1	Provide professional development to train teachers on the technological aspects of the No Child Left Behind Act. <i>Progress Measurement:</i> Checklists and PDC reports	Technology Department/PDC	Dec-06	100%	

Show-Me Standards: 1.4, 1.8, 2.2, 2.7, 4.4

Action Plans and Implementation – TFA 1 – Student Learning

Goal 1: Student achievement will be enhanced by providing learning environments that build and encourage technological skills.

Objective 2: Students will improve their technology skills (2003 Wright City Technology Plan 1.2).

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.1 6.3	1.A.3.1	Implement student technology checklist district wide. (2003 Wright City Technology Plan 1.2.1) <i>Progress Measurement:</i> Implementation of checklist	Curriculum Director/Teachers	Aug-06	100%	Met 4/2008
6.1.3 6.3	1.A.3.1	Update the computer curriculum to include a uniform approach to student technology training. <i>Progress Measurement:</i> Baseline data report	Curriculum Director/Teachers	Aug-07	100%	
6.43 6.1 6.3	1.A.4	Students will be trained on the nature and operation of technology systems. <i>Progress Measurement:</i> Checklists and baseline data report	Curriculum Director/Teachers	Aug-07	100%	
6.43 6.1	1.A.4	Students will be trained on the ethical, cultural, and societal issues related to technology. <i>Progress Measurement:</i> Checklists and baseline data report	Curriculum Director/Teachers	Aug-07	100%	
6.43 6.1 6.3	1.A.4	Students will use a variety of technology tools to enhance learning, increase productivity, and promote creativity. <i>Progress Measurement:</i> Checklists and baseline data report	Curriculum Director/Teachers	Aug-07	100%	
6.43 6.1 6.3	1.A.3.1 1.C.1.4 1.A.3.5 1.A.4	Students will be instructed on how to use technology for research and problem solving. <i>Progress Measurement:</i> Checklists and baseline data report	Curriculum Director/Teachers	Aug-07	100%	
6.43 6.1 6.3	1.A.3.1 1.C.1.4 1.A.3.5	Research and implement new software programs to enhance student learning. <i>Progress Measurement:</i> Checklists and baseline data report	Curriculum Director/Teachers	Aug-07	100%	

Show-Me Standards- 1.4, 1.8, 2.7, 4.4, 4.5

Action Plans and Implementation – TFA 2 – Teacher Preparation

Goal 2: Teacher preparation and delivery of instruction (performance) will be improved through the use of education technologies. (Future 2006 Missouri State Technology Plan)

Objective 1: All instructional staff will implement the National Educational Technology Standards for Teachers.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.4.4 6.7	1.C.2.5	Teachers will continue to be trained to use technology as a means to assess and evaluate students. <i>Progress Measurement:</i> Checklist, surveys and baseline data report	PDC/Technology Committee	Jan-09	100%	
6.4.4 6.7	1.C.1 1.C.2	Teaching staff will demonstrate usable knowledge of both NETS for Teachers and NETS for Students. <i>Progress Measurement:</i> Checklist and baseline data report	Building Principals	Jan-09	100%	Need more PD Days
6.4.4 6.7	1.C.2.1	Teachers will be trained to plan and design effective learning environments supported by technology. <i>Progress Measurement:</i> checklists and PDC reports	PDC/Building Principals	Oct-07	100%	Need more PD Days at the high school
6.4.4 6.7	1.C.2.1	Provide Professional Development to train teachers on NETS for Teachers. <i>Progress Measurement:</i> checklists and PDC reports	PDC/Building Principals	Jan-09	100%	Need more PD Days
6.4.4 6.4	1.A.3.1	Teachers will be provided with a complete computer/technology curriculum. <i>Progress Measurement:</i> baseline curriculum data and checklist	Curriculum Dir/Technology Department	Jan-09	100%	Waiting on curriculum board approval
6.4.4 6.7	1.C.2.1	Teachers will be trained to use data to personalize instruction. (2006 National Technology Plan) <i>Progress Measurement:</i> checklists and PDC reports	PDC/Building Principals	Jan-08	100%	

Show-Me Standards: 1.4, 1.5, 1.8, 2.1, 2.7, 4.4, 4.7

Action Plans and Implementation – TFA 2 – Teacher Preparation

Goal 2: Teacher preparation and delivery of instruction (performance) will be improved through the use of education technologies. (Future 2006 Missouri State Technology Plan)

Objective 2: Teachers will be offered a variety of different training options to enhance their instructional effectiveness.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.4.4 6.7	1.C.2.1	Links to external training resources will be placed on the web site. <i>Progress Measurement:</i> links implemented	Technology Department	Aug-06	100%	Links now on portal
6.4.4 6.7	1.C.2.1	Training request forms will be implemented to allow teachers to sign up for the training that they need. <i>Progress Measurement:</i> process implemented	Technology Department	Dec-06	100%	Helpdesk
6.4.4 6.7	1.C.2.1	Training will be available in smaller groups or in one-to-one sessions. <i>Progress Measurement:</i> PDC Reports	Technology Department	Dec-06	100%	Instructional Technology Position
6.4.4 6.7	1.C.2.1	Software will be researched and implemented to assist teachers in training and productivity. <i>Progress Measurement:</i> Baseline Data, Annual Technology Reports	Technology Department	Jan-09	100%	Ongoing

Show-Me Standards: 1.4, 1.5, 1.8, 2.7, 3.2, 3.4

Action Plans and Implementation – TFA 3 – Administration, Data Management, and Communication

Goal 3: The teaching and learning process will be enhanced through the use of technology for administration, management and communications.

Objective 1: Data and technological resources will be kept secure, organized, and accessible.

MSIP	CSIP	Action Steps/ <i>Progress Measurement</i>	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.4.3	1.C	An electronic inventory system will be installed and used to manage all hardware. <i>Progress Measurement: Annual Technology Report</i>	Technology Department	Aug-06	100%	Wasp Barcoding
6.4.3	1.C	All software will be stored in one central location. <i>Progress Measurement: Annual Technology Report and inventory reports</i>	Technology Department	Aug-06	100%	Software is now in Technology Office
6.4.3	1.C	Backup tapes will be consolidated and stored in a single off site location. <i>Progress Measurement: Annual Technology Report and Backup reports</i>	Technology Department	Aug-06	100%	
6.4.3	1.C	Centralized computer management server will be installed. <i>Progress Measurement: Annual Technology Report and inventory reports</i>	Technology Department	Aug-06	100%	SMS
6.4.3	1.C	An archival copy of all licensed software will be created and stored in a safe location. <i>Progress Measurement: Annual Technology Report and inventory reports</i>	Technology Department	Aug-06	100%	Copies stored on SAN
6.4.3	1.C	Microsoft licensing will be kept in compliance. <i>Progress Measurement: Inventory reports</i>	Technology Department	Jan-09	100%	Office, Server, OS, SMS, Sharepoint are all up to date
6.4.3	1.C	All current software subscriptions will be kept active. <i>Progress Measurement: Annual Technology Report and inventory reports</i>	Technology Department	Aug-09	100%	Active and future is budgeted

Show-Me Standards: 1.4, 1.8, 2.7, 4.7

Action Plans and Implementation – TFA 3 – Administration, Data Management, and Communication

Goal 3: The teaching and learning process will be enhanced through the use of technology for administration, management, and communications.

Objective 2: The district will utilize technologically driven communication tools for teachers, students, and parents.

MSIP	CSIP	Action Steps/ <i>Progress Measurement</i>	Person Responsible	Estimated Completion	Current Status	Progress Notes
7.5.3	1.A.3.5	Revised curriculum will be made available to teachers via district intranet and to students, parents, and patrons via district website. <i>Progress Measurement: Annual Technology Report</i>	Curriculum Director/Technology Director	Jan-09	100%	On website
7.5.3 8.8.2	1.C.1.3	District intranet website will be updated daily to keep all staff informed. <i>Progress Measurement: Annual Technology Report</i>	Technology Department / Staff	May-06	100%	Changed to Sharepoint to improve info. avail.
7.5.3	1.C.1.4	Staff will be able to post information, homework assignments, and will be able to receive comments from patrons via district website. <i>Progress Measurement: Annual Technology Report</i>	Technology Department / Staff	Aug-06	100%	Parent Portal and website
6.4.3	1.C	Alternative student record systems will be researched and possibly implemented. <i>Progress Measurement: Annual Technology Report</i>	Technology Department	Dec-06	100%	Switch to Infinite Campus

Show-Me Standards: 1.4, 1.8, 2.1, 2.2, 2.7, 4.1, 4.2, 4.7

Action Plans and Implementation – TFA 3 – Administration, Data Management, and Communication

Goal 3: The teaching and learning process will be enhanced through the use of technology for administration, management, and communications.

Objective 3: All Administrators will be trained on the National Educational Standards for Administrators to help enhance the student learning environment.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.7 8.7	1.C.1 1.C.2	Administrators will be trained on NETS for Administrators <i>Progress Measurement:</i> PDC Reports and baseline data	Superintendent	Dec-06	100%	Principals and Asst Principals have completed training
6.7 8.7	1.C.1 1.C.2	Resources to NETS will be made available to administrators via web site. <i>Progress Measurement:</i> links implemented	Technology Department	Aug-06	100%	On website
6.7 8.7	1.C.1 1.C.2	Administrators will receive training on NETS for Students. <i>Progress Measurement:</i> PDC Reports and baseline data	Superintendent	Dec-06	100%	Principals and Asst. Principals have completed training
6.7 8.7	1.C.1 1.C.2	Administrators will receive training on NETS for Teachers. <i>Progress Measurement:</i> PDC Reports and baseline data	Superintendent	Dec-06	100%	Principals and Asst Principals have completed training

Show-Me Standards: 1.4, 2.2, 2.7. 4.4

Action Plans and Implementation – TFA 3 – Administration, Data Management, and Communication

Goal 4: The district will create a secure technology environment to ensure the reliability and safety of all data and equipment.

Objective 1: The district will increase staff awareness of security vulnerabilities.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
8.9.1 8.1	1.B.1.7	Monthly security bulletins will be made available to the staff on the district's intranet site. <i>Progress Measurement: Implementation of newsletters and Annual Technology Reports</i>	Technology Department	Aug-06	100%	Included in Newsletters
8.9.1 8.1	1.C.2.4	Obtain baseline data from staff regarding knowledge of security vulnerabilities. <i>Progress Measurement: Survey results</i>	Technology Department	May-06	100%	Security Survey given Spring 2006
8.9.1 8.1	1.C.2.1	Conduct staff/faculty training on the prevention, causes, and effects of security breeches. <i>Progress Measurement: PDC reports and checklists</i>	Technology Department	Jan-07	100%	Training given Spring 2006
8.9.1 8.1	1.C.2	Establish a procedure for identifying students who are compromising the school district's network security and how to handle those situations. <i>Progress Measurement: PDC reports and checklists</i>	Technology Department	Jan-07	100%	Training given Spring 2006

Show-Me Standards: 1.4, 4.7

Action Plans and Implementation – TFA 3 – Administration, Data Management, and Communication

Goal 4: The district will create a secure technology environment to ensure the reliability and safety of all data and equipment.

Objective 2: The district will create a safe technological environment.

MSIP	CSIP	Action Steps/ <i>Progress Measurement</i>	Person Responsible	Estimated Completion	Current Status	Progress Notes
8.9.1 8.1	1.C.2	Anti-virus software will be upgraded to a more efficient program that includes spyware and ad-ware scanners. <i>Progress Measurement: Antivirus and inventory reports</i>	Technology Department	May-06	100%	Switched back to Symantec
8.9.1 8.1	1.C.2	Domain controllers will be upgraded to Microsoft Server 2003 so that the technology department will have increased control over group policy objects. <i>Progress Measurement: Inventory reports</i>	Technology Department	Dec-06	100%	Completed Summer 2006
8.9.1 8.1	1.C.2	All wireless access points will be locked down. <i>Progress Measurement: Lockdowns implemented</i>	Technology Department	Aug-06	50%	While wireless is not locked down web filter does block traffic
8.9.1 8.1	1.C.2	Audits will be performed on all network users to ensure compliance of the AUP. <i>Progress Measurement: Audit reports</i>	Technology Department	Oct-06	100%	Daily Surfcontrol monitoring
8.9.1 8.1	1.C.2	The Acceptable Use Policy will be reviewed and updated to ensure coverage of all security vulnerabilities <i>Progress Measurement: Policy committee reports</i>	Technology Department	Jun-06	100%	Updated Spring 2006
8.9.1 8.1	1.C.2	A second firewall will be added to scan all outgoing email. <i>Progress Measurement: Inventory reports and firewall reports</i>	Technology Department	Jun-06	100%	Barracuda installed Summer 2006
8.9.1 8.1	1.C.2	The district will create and implement a disaster recovery plan. <i>Progress Measurement: Board approved disaster recovery plan</i>	Technology Department	Aug-06	100%	Completed Summer 2006
8.9.1 8.1	1.C.2	An Intrusion Detection System will be setup to alert the technology staff of any breeches to the internal network. <i>Progress Measurement: IDS reports</i>	Technology Department	Jun-06	100%	Snort/Acid installed
8.9.1 8.1	1.C.2	Vulnerability scanners will be installed on all servers and used on a regular basis. <i>Progress Measurement: scanner reports</i>	Technology Department	Jul-06	100%	Microsoft Baseline Scanner
8.9.1 8.1	1.C.2	Discipline guidelines will be established and approved by the board for any deviations from the AUP. <i>Progress Measurement: Policy committee reports</i>	Technology Department	Jun-06	100%	Building level policies

Show-Me Standards: 1.4, 4.7

Action Plans and Implementation – TFA 4 – Resource Distribution

Goal 5: The district will acquire and implement the latest technology resources to enhance student achievement.

Objective 1: The district will increase and improve technological resources available to allow equitable access throughout the district.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.4.4 9.1.2 9.4.2	1.B.1.7	Add 150 computers throughout the district to establish a 3:1 student/computer ratio. <i>Progress Measurement: Inventory Reports</i>	Technology Department	Jan-08	100%	Current ratio 2.75:1
6.4.4 9.1.2 9.4.2	1.B.1.7	Increase the amount of interactive whiteboard/projector combinations as needed. <i>Progress Measurement: Inventory Reports</i>	Technology Department	Jan-09	100%	Installed 60 projectors and 30+ SMART Boards
6.4.4 9.1.2 9.4.2	1.B.1.7	Complete workstation upgrade to Windows 2000/XP <i>Progress Measurement: Inventory Reports</i>	Technology Department	Dec-06	100%	All XP except one W2K
6.4.4 9.1.2 9.4.2	1.B.1.7	The bottom 15% of computers will be rotated out yearly. <i>Progress Measurement: Inventory Reports</i>	Technology Department	Jan-09	100%	Replacement schedule will to board 2/2009

Show-Me Standards: 1.4, 2.2, 2.7, 3.2, 3.3, 3.8

Action Plans and Implementation – TFA 4 – Resource Distribution

Goal 5: The district will acquire and implement the latest technology resources to enhance student achievement.

Objective 2: Network infrastructure will be upgraded to support the district’s expanding technology.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.4.4 9.1.2 9.4.2	1.B.1.7	Fiber Optic will be installed to increase network bandwidth and reliability. <i>Progress Measurement: Installation of Fiber Optic</i>	Technology Department	Dec-06	100%	Completed Summer 2006
6.4.4 9.1.2 9.4.2	1.B.1.7	Complete rewiring of the high school infrastructure will be completed. <i>Progress Measurement: Installation of infrastructure</i>	Technology	May-07	100%	Completed Summer 2006

Show-Me Standards: 1.4, 2.7, 3.8

Action Plans and Implementation – TFA 5 – Technical Support

Goal 6: The district will provide a knowledgeable and responsive technology support staff to maintain and expand our technology environment.

Objective 1: The district will provide a quick and efficient response to all technological issues.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.4	1.C.2	Additional hardware will be kept on hand to help reduce the time spent waiting for replacement parts. <i>Progress Measurement: Inventory Reports and helpdesk reports</i>	Technology Department	May-06	100%	All common parts are now kept in stock
	1.C	The district will maintain as close to a 1:300 support staff to computer ratio as possible. <i>Progress Measurement: Technology Census</i>	Board of Education	Jul-09	100%	Will be adding additional staff for 2008-2009 School Year
6.7 8.7	1.C.1 1.C.2	The district will provide necessary training for the technology coordinator and the technology specialist. <i>Progress Measurement: Training reports</i>	Superintendent/ Technology Department	Dec-09	100%	Purchased training coupons through New Horizons
Show-Me Standards: 1.4, 2.7, 3.1, 3.2, 3.3, 3.7						

Action Plans and Implementation – TFA 5 – Technical Support

Goal 6: The district will provide a knowledgeable and responsive technology support staff to maintain and expand our technology environment.

Objective 2: Additional staff members and several students will be trained to assist in technological support.

MSIP	CSIP	Action Steps/Progress Measurement	Person Responsible	Estimated Completion	Current Status	Progress Notes
6.4.1	1.B.1.7	Training will be established for staff members interested in assisting with technology. <i>Progress Measurement: Training reports</i>	Technology Department	Jan-08	100%	
6.4.1	1.B.1.7	Selection criteria will be established for identifying student technology candidates. <i>Progress Measurement: Criteria established</i>	Technology Department	Jan-08	100%	
6.4.1	1.B.1.7	Training will be provided for student technologists. <i>Progress Measurement: Training reports</i>	Technology Department	Jan-08	25%	Staffing not available
Show-Me Standards: 1.7, 2.7, 4.5, 4.6						

2009-2012 Technology Goals

S - Student Learning (TFA 1)

1. Goal: Develop and enhance quality educational/instructional programs to improve performance and enable students to meet their personal, academic, and career goals.

Objective: The district will annually meet all indicators on the Annual Performance Report.

1. Strategy: The district will develop and implement the research based Pyramid of Intervention program for students in all subgroups.

Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will continue to maintain, research and implement technology based programs that will support the Pyramid of Intervention.	Tech Depart, Tech Committee, Principals	1/31/2012

2. Strategy: The district will produce a viable and implemented curriculum

Action Step	Person Responsible	Estimated Completion
1. Action Step: All curricula will be entered into an electronic alignment tool.	Assistant Superintendent	1/31/2012
2. Action Step: The district will align local curriculum to the National Educational Technology Standards for Students (NETS*S).	Assistant Superintendent, Tech Director	1/31/2012
3. Action Step: Teachers will continue to integrate technology as needed into their curriculum at all grade levels to enhance student learning.	Tech Department, Principals	1/31/2012
4. Action Step: All students grades K-12 will have access to MOVIP classes/distance learning technologies.	Tech Department	1/31/2012

3. Strategy: The District will improve student literacy.

Action Step	Person Responsible	Estimated Completion
1. Action Step: District will use technology to extend and support student learning beyond the school day and provide access to alternative instructional delivery systems.	Tech Department, Principals	1/31/2012
2. Action Step: District will use technology to help deliver, monitor and assess student learning to meet student needs (such as integrated learning systems, computer-assisted instructional software and electronic assessment tools).	Tech Department, Principals	1/31/2012
3. Action Step: The district will utilize computer based test and use results to guide instruction and MAP/EOC test preparation.	Tech Dept, Principals	1/31/2012
4. Action Step: Teachers will create and utilize games, web quests and research projects designed to increase student achievement, reinforce key learning concepts, engage students of all learning abilities and styles, and utilize/increase students' growing technology skills and or needs.	Tech Department, Principals	1/31/2012
5. Action Step: Teachers will utilize online tutorials/instructional resources in order to better teach students through a technology rich environment reaching students of all learning abilities and styles.	Tech Department, Principals	1/31/2012
6. Action Step: Blogging, podcasting and online journalism will be encouraged among students and staff.	Tech Dept, Principals	1/31/2012

4. Strategy: The district will use research based instructional strategies and assessment that demonstrates effectiveness in improving student achievement as determined by annual MAP.		
Action Step	Person Responsible	Estimated Completion
1. Action Step: All existing eMINTS will be maintained and supported.	Tech Dept, Principals	1/31/2012
2. Action Step: eMINTS (or similar) classrooms will be added to buildings as funds allow.	Tech Dept, Principals	1/31/2012
3. Action Step: All classrooms will have access to multimedia computer systems.	Tech Department	1/31/2012
4. Action Step: All teachers and students will use technology infused lessons to promote thinking, learning, researching and problem-solving.	Tech Department, Principals	1/31/2012
5. Strategy: The district will maintain 95% or higher Average Daily Attendance (ADA) rate.		
Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will send out daily emails notifying parents of students' absences.	Tech Department	1/31/2012
2. Action Step: Attendance records for every student will be published to the Parent/Student portal.	Tech Department	1/31/2012
6. Strategy: The district will maintain a minimum of 85% graduation rate and seek a graduation rate of 90% through utilizing existing and new resources.		
Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will maintain and upgrade the Academy's computers, computer peripherals and network infrastructure as needed.	Tech Department	1/31/2012
7. Strategy: All students will engage in rigorous instruction driven by technology enriched curriculum that meets students' assessed needs, results in high levels of academic achievement and performance, and fosters lifelong learning.		
Action Step	Person Responsible	Estimated Completion
1. Action Step: Technology will be used in all classrooms to communicate ideas effectively to multiple audiences and address all learning styles.	Tech Department, Principals	1/31/2012
2. Action Step: Students will routinely engage in interactive lessons through the use of classroom projectors, SMARTBoards, clickers and media centers.	Tech Dept, Principals	1/31/2012
3. Action Step: The district will research, acquire and implement new technologies that support high level of academic achievement and performance.	Tech Dept, Tech Committee, Principals	1/31/2012
4. Action Step: By the end of 2nd ,5th, 8th and 12th grade the majority of students will demonstrate technology proficiency as measured by locally designed rubrics based of the National Educational Technology Standards for Students (NETS*S).	Tech Dept, Principals	1/31/2012

T - Teacher Preparation (TFA 2)

2. Goal: Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency)/District mission, goals, and objectives.

1. Objective: The district will maintain attract and retain support staff.

1. Strategy : The district will provide staff with opportunities to develop their skills

Action Step	Person Responsible	Estimated Completion
1. Action Step: Technical training will be provided as needed for job requirements.	Tech Department	1/31/2012
2. Strategy: The district will develop and implement a staff recognition program		
Action Step	Person Responsible	Estimated Completion
1. Action Step: The technology committee will recognize a "Tech Star" from each building monthly.	Tech Committee	1/31/2012

T - Teacher Preparation (TFA 2)

2. Goal: Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency)/District mission, goals, and objectives.

2. Objective: The district will retain highly qualified teachers

1. Strategy: The district will utilize the Professional Learning Communities model

Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will research ways for technology to assist in the acquisition, organization and analyzation of data to support the PLC model.	Tech Dept, Tech Committee, Leadership team	1/31/2012
2. Strategy: All teachers will [develop or implement newly developed] inquiry based curricula and instruction, and are afforded support of, access to, and appropriate training for using technology to implement, deliver, monitor, and assess such curricula and instruction		
Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will provide teachers with access to an instruction technology support to assist in the integration of technology into their curriculum	Tech Department	1/31/2012
2. Action Step: Annually the district will provide at least 10 hours of technology based professional development.	Tech Department	1/31/2012
3. Action Step: Provide all teachers with training on how to find and integrate open ended & constructive response questions into their curriculum using technology.	Tech Department	1/31/2012
4. Action Step: Instructional technology support will be given to staff at least twice per year to assist with planning, delivery and other uses.	Tech Department	1/31/2012

3. Strategy: Teachers will use up-to-date technology tools and resources to support curriculum objectives; tools and resources are readily available for teacher and student use; and training in the use of the tools and resources (such as eMINTS or equivalent) is provided. (MSIP 6.4, 6.7, 6.8)(METSP T1, T2)		
Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will provide instructional technology support to staff.	Tech Department	1/31/2012
2. Action Step: Technology training will be provided for new teachers prior to the first day of school.	Tech Department	1/31/2012
3. Action Step: The district will research and acquire new technologies to support curriculum objectives as funds allow.	Tech Dept, Tech Committee, Principals	1/31/2012
4. Action Step: The district will provide an organized online resource listing.	Tech Department	1/31/2012
4. Strategy: District will promote and provide effective leadership and professional development that promotes differentiated instruction through the use of technology and makes adequate plans for sustained and beneficial growth in technology integration and educator proficiency; District will use to technology to help provide professional development (eLearning for Educators program or equivalent). (MSIP 6.3, 6.4, 6.7, 6.8) (METSP T1, TS1)		
Action Step	Person Responsible	Estimated Completion
1. Action Step: Needs assessment tools or strategies will be used to differentiate professional development.	PDC Committee, Tech Dept	1/31/2012
2. Action Step: For a period of two years, following tier 1 completion, all teachers must complete five (5) classes per year targeted towards the integration of technology into student learning, classroom communication, and using technology as a teaching tool. (Tier 2).	Tech Department	1/31/2012
3. Action Step: The district's wireless infrastructure will be updated to accommodate large professional development opportunities.	Tech Department	1/31/2012
4. Action Step: The district will research distance learning professional development opportunities and pass them along to staff.	Tech Dept, Tech Committee, Principals	1/31/2012

5. Strategy: District will provide professional development for teachers and administrators that result in technology proficiency; Professional development is aligned with NETS*T and NETS*A, the National Educational Technology Standards for Teachers and Administrators (or equivalent).

Action Step	Person Responsible	Estimated Completion
1. Action Step: All district staff will be required to complete training and show competence in basic computer tasks with one year of their hire date (Tier 1).	Tech Department	1/31/2012
2. Action Step: For a period of two years, following tier 1 completion, all teachers must complete five (5) classes per year targeted towards the integration of technology into student learning, classroom communication, and using technology as a teaching tool. (Tier 2).	Tech Department	1/31/2012
3. Action Step: Annually the NETS*A action plan will be reviewed and revised by the administration staff and technology department.	Tech Department	1/31/2012

6. Strategy: The district will develop and implement a staff recognition program.

Action Step	Person Responsible	Estimated Completion
The technology committee will recognize a "Tech Star" from each building monthly.	Tech Committee	1/31/2012

R/T - Resource Distribution and Technical Support (TFA 4 & 5)

3. Goal: Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.

1. Objective: All district staff and students will have equitable access to varied numerous technology tools and resources that enhance professional and academic performance

1. Strategy : District will establish/update technology policies and procedures related to technology hardware, software, connectivity, and technical support standards, including student and educator technology literacy standards (replacement cycle, acceptable use, Internet filtering, recovery and security systems).. (MSIP 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1, 8.2, 8.3, 8.6, 8.7) (METSP A2, R1, TS1, S2, T2)

Action Step	Person Responsible	Estimated Completion
1.Action Step: District will use appropriate technology tools and resources for data collection and analyses to determine district needs and monitor progress.	Tech Dept, Superintendent, Principals	1/31/2012
2.Action Step: District will create and fund a technology acquisition and replacement plan.	Tech Department, Superintendent	1/31/2012
3.Action Step: Interactive Whiteboards will be added to classrooms as funds allow.	Tech Dept, Superintendent, Principals	1/31/2012
4.Action Step: All classrooms will be provided with a projector.	Tech Department	1/31/2012
5.Action Step: District servers, switches, firewalls, web filters, backup drives and storage will be acquired and replaced as needed.	Tech Department	1/31/2012

2. Strategy: Appropriate technology support and training is available for all students and staff (MSIP)(METSP TS1)

Action Step	Person Responsible	Estimated Completion
1.Action Step: The district will employ, designate or contract qualified technical support personnel at a ratio of one fte per 200 laptops/desktops and one fte per 350 thin client.	Tech Dept, Superintendent	1/31/2012
2.Action Step: The district will employ, designate or contract qualified instructional technology support personnel (with classroom teaching/technology integration expertise)	Tech Dept, Superintendent	1/31/2012
3.Action Step: Personnel will resolve 90% of typical technical problems within one working day.	Tech Department	1/31/2012

A - Administration, Data Management, Communications (TFA 3)

4. Goal: Promote, facilitate, and enhance parent, student, and community involvement in LEA/District educational programs.

1. Objective: the district will develop a comprehensive plan that integrates technology driven communication tools for parent access to student and public information and communication tools for employee and school business (district Intranet for access to forms, applications, announcements, and such).

1. Strategy : District will provide opportunities for parents and community to observe and use instructional technology; will involve a broad, diverse section of the community on the CSIP (and/or technology) planning committee; and will use technology to facilitate interactive communications among district staff, parents, and community members. (MSIP 7.5, 7.6, 8.2, 8.3, 8.8, 8.9) (METSP A1, A2)

Action Step	Person Responsible	Estimated Completion
1. Action Step: Conduct parent/community surveys to determine parent/community needs	Tech Dept, Principals	1/31/2012
2. Action Step: Teachers will use email and classroom phones to communicate with parents.	Tech Dept, Principals	1/31/2012
3.Action Step: The district will maintain and upgrade a phone system that allows for communication	Tech Dept, Maint Dept	1/31/2012
4. Action Step: The district will provide cell phones, radios and data devices as needed for administrative duties.	Tech Dept	1/31/2012
5. Action Step: The district will provide educational, cultural, enrichment and/or other services to the local community.	Tech Dept, Principals	1/31/2012

2. Strategy: District will provide parents and community members with opportunities to visit instructional rooms and view student work that makes effective use of technology; district will provide opportunities for parents and community members to use district technology tools and resources to develop new skills to meet their continuing education needs. (MSIP 7.6, 8.3, 8.8,8.9) (METSP A2)

Action Step	Person Responsible	Estimated Completion
1. Action Step: The Elementary schools will continue to showcase some of the technology tools used for instruction during grandparents day.	Tech Dept, Principals	1/31/2012
2. Action Step: The district will provide technology learning opportunities for parents/guardians during the back to school night and open houses.	Tech Dept, Principals, Tech Committee	1/31/2012
3. Action Step: The district will continue to host local eMINTS websites.	Tech Department	1/31/2012
4. Action Step: The district will offer parent portal training sessions.	Tech Dept, Principals	1/31/2012

3. Strategy: District will involve integrate technology into the CSIP planning process; The technology committee members will include parents and community members. (MSIP 8.3, 8.8, 8.9)(METSP A1)		
Action Step	Person Responsible	Estimated Completion
1. Action Step: The CSIP committee will have at least one person from the technology committee.	Assist. Super. Tech Committee	1/31/2012
2. Action Step: Parents and community members will be invited to attend the technology committee meetings.	Tech Dept	1/31/2012
4. Strategy: District will use technology tools and resources to disseminate school news and student work and to facilitate input and feedback from parents and community members (email, website, electronic newsletter, online homework assignments, online progress reports, online surveys, automated absentee system, etc.) (MSIP 7.5, 7.6, 8.8, 8.9) (METSP A2)		
Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will post current grades, homework assignments, progress reports, report cards, absences and behavior information to the parent/student portal.	Tech Dept, Principals	1/31/2012
2. Action Step: Regular email notification will be sent out regarding late and missing assignments.	Tech Dept, Principals	1/31/2012
3. Action Step: Daily notifications will be emailed to parents regarding behavior and attendance incidents.	Tech Dept, Principals	1/31/2012
4. Action Step: The district website will be kept up to date at all times.	Tech Dept, Principals, PR Reps	1/31/2012

A - Administration, Data Management, Communications (TFA 3)

5. Goal: Govern the LEA/District in an efficient and effective manner providing leadership and representation to benefit the students, staff, and patrons of the district.

1. Objective: The district will identify, obtain, and/or secure the resources needed to support quality educational programs and service.

1. Strategy : The district will implement effective and efficient administration, data management, and communication processes through the use of technology that further supports teaching and learning. (MSIP 6.2, 6.3, 6.7, 7.1, 7.2, 7.3, 8.1, 8.2, 8.6, 8.7, 8.9, 8.11) (METSP A1, A2)

Action Step	Person Responsible	Estimated Completion
1. Action Step: The existing elementary will have it's networking updated to support additional computers and telephones.	Tech Dept	1/31/2012
2. Action Step: A high speed data connection will be established between the new elementary and the existing district.	Tech Dept	1/31/2012
3. Action Step: The district will upgrade server and networking equipment as needed to support instructional needs.	Tech Dept	1/31/2012
4. Action Step: The district will maintain a 100% networked environment that promotes learning.	Tech Dept	1/31/2012
5. Action Step: The district will provide a safe networking environment by creating and following local AUP policies, child Internet safety laws and CIPA requirements.	Tech Dept, Principals	1/31/2012
6. Action Step: The district's acceptable use policy will be updated and signed by all staff, students and parents annually.	Tech Dept, Principals, Policy Committee	1/31/2012
7. Action Step: The district will maintain a web based helpdesk for technology and maintenance related issues.	Tech Dept	1/31/2012
8. Action Step: Discontinue technology department support of products that are no longer supported by their creator.	Tech Dept	1/31/2012
9. Action Step: Maintain adequate budget for parts and supplies to repair existing technologies each year.	Tech Dept, Superintendent	1/31/2012
10. Action Step: Create a building point person for technology issues.	Tech Dept, Principals	1/31/2012

2. Strategy : District will employ/designate technology leadership position to oversee, and coordinate efforts of a representative committee that helps oversee, the district's technology implementation, planning, and evaluation efforts. (MSIP 6.1, 6.3, 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1,8.2, 8.3, 8.6, 8.7) (METSP A1)

Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will create a well balanced technology committee that includes certified staff, non certified staff from different buildings and positions. The committee will also be open to community members, parents and students.	Tech Dept, Tech Committee, Principals	1/31/2012
2. Action Step: The technology committee will meet monthly.	Tech Dept	1/31/2012
3. Action Step: The technology committee will work closely with the CSIP and PD committees.	Tech Dept, PDC, Assist. Superintendent	1/31/2012

3. Strategy : District will establish/update effective long range strategies detailing how technology tools and resources support teaching, learning, and administrative activities and help meet the goals and objectives of the district's comprehensive school improvement plan. (MSIP 6.1, 6.2, 6.3, 6.4,6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1, 8.2, 8.3, 8.6, 8.7) (METSP A1)

Action Step	Person Responsible	Estimated Completion
1. Action Step: The technology committee will create, implement and review the district's technology plan.	Tech Dept, Tech Committee	1/31/2012
2. Action Step: The technology committee will create, implement and review various technology related surveys.	Tech Dept, Tech Committee	1/31/2012
3. Action Step: The technology committee will create, implement and review the district's technology acquisition and replacement plan.	Tech Dept, Tech Committee	1/31/2012

4. Strategy : District will establish/maintain a sufficient budget to cover Total Cost of Ownership (a budget line time for technology based on a set percentage rate of the overall budget or per pupil expenditure). (MSIP 6.4, 6.8, 8.8) (METSP A2)

Action Step	Person Responsible	Estimated Completion
1. Action Step: The district will continue to research and apply for local, state and federal grant opportunities.	Tech Dept, Tech Committee, Superintendent, Principals	1/31/2012
2. Action Step: The district will continue to apply for erate funding.	Tech Dept, Superintendent	1/31/2012
3. Action Step: This district will allocate the necessary funds for the technology acquisition and replacement schedule.	Tech Dept, Superintendent	1/31/2012

Communication, Monitoring, and Evaluation

Communication, Monitoring, and Evaluation

Communication/Dissemination

- Modifications, improvements and progress are reported to the school board annually, in addition to weekly administrators meetings where items are discussed and input is given.
- To make the plan readily accessible, the technology plan will be available for all staff and community members on the internet web site (<http://wrightcity.k12.mo.us>).
- A copy of the technology plan will also be given to all board members, and principals.
- Annual progress reports will be published in the annual technology report to the board and will be available to the public on the districts web site and through community bulletins.

Monitoring

The technology committee has scheduled meetings once a month to assess the district's progress towards our plan's goals and objectives. The responsible parties will collaborate with the technology department and staff members to see that goals are accomplished. A representative from the technology department will monitor progress of each action step and provide status reports to the committee on the review dates mentioned in the plan. Reports will be analyzed and additional services provided as necessary to meet each goal/objective. Also, reports will be compiled throughout the term of the plan to gather data and track progress.

Evaluation

The evaluation of the district's technology will be an ongoing process. The committee will continue to use the sources mentioned in this plan to evaluate the technological progress. The technology committee may also increase the amount of data sources to gain better understanding of the district's progress. The technology committee will also utilize information submitted from the building level technology committees annually.

Corrective Strategy:

If corrective steps are necessary, all data will be analyzed and changes will be made to ensure that our students' success remains our top priority.

Additional NCLB Element:

The Wright City R-II School District will monitor and evaluate the technology goals and objectives through the district and building technology committees.

The district technology committee has scheduled meetings once a month to assess the district's progress towards our plan's goals and objectives. The responsible parties will collaborate with the technology department and staff members to see that goals are accomplished. A representative from the technology department will monitor progress of each action step and provide status reports to the committee. Reports will be analyzed and additional services provided as necessary to meet each goal/objective. Also, reports will be compiled throughout the term of the plan to gather data and track progress. There are many sources of data used to monitor and evaluate the goals and objectives of the district technology plan. Some are as follows: hardware and software reports, staff/student/community surveys, inventories, Comprehensive School Improvement Plans, Building-level School Improvement Plans, Technology Helpdesk reports, National Education Technology Standards for Administrators, Teachers and Students, Observations, and MAP and other assessment data. The technology committee may also increase the amount of data sources to gain better understanding of the district's progress. The technology committee will also utilize information submitted from the building level technology committees annually.